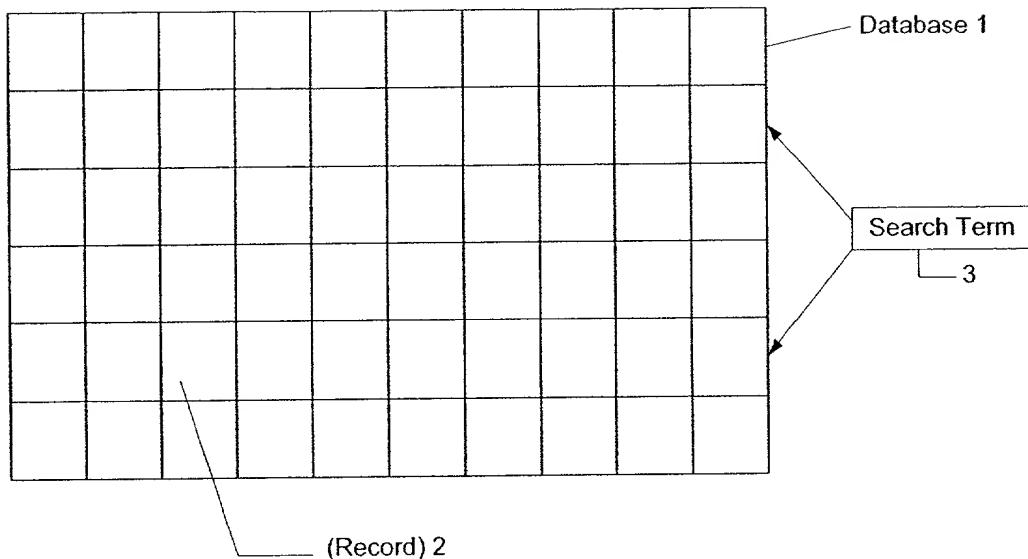
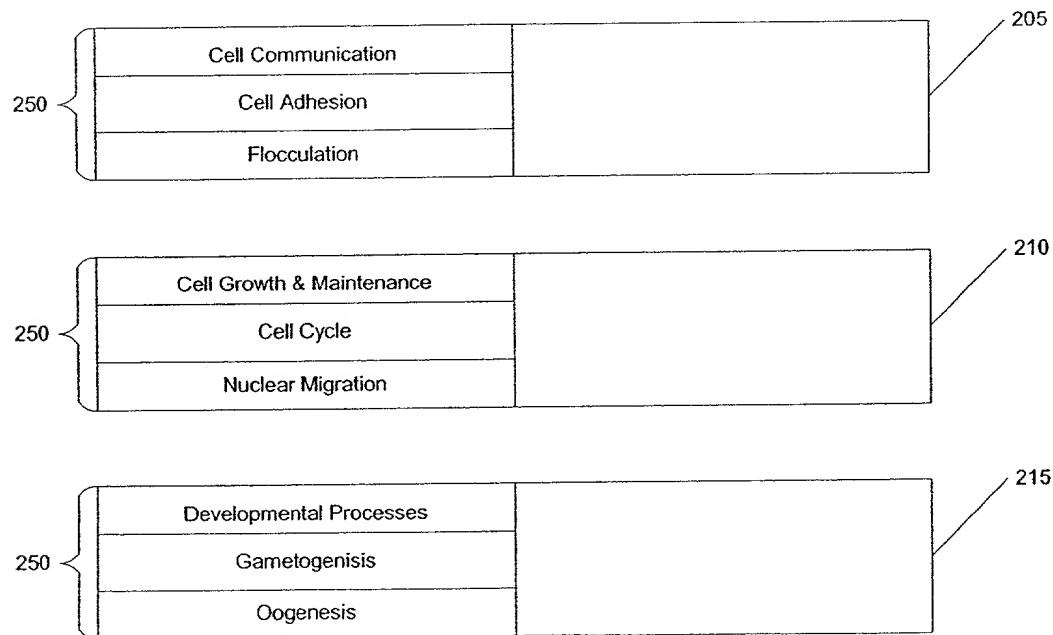


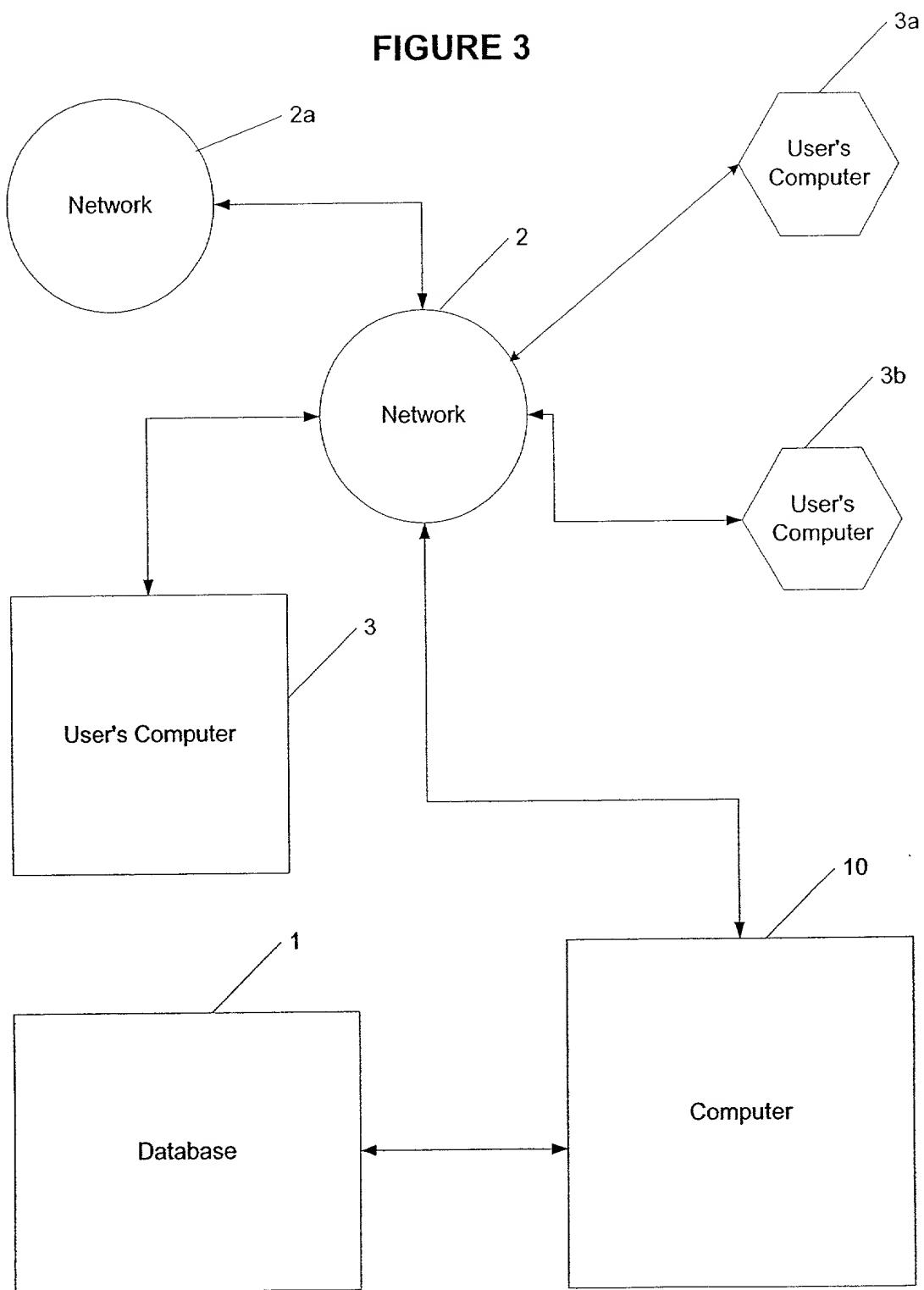
## FIGURE 1



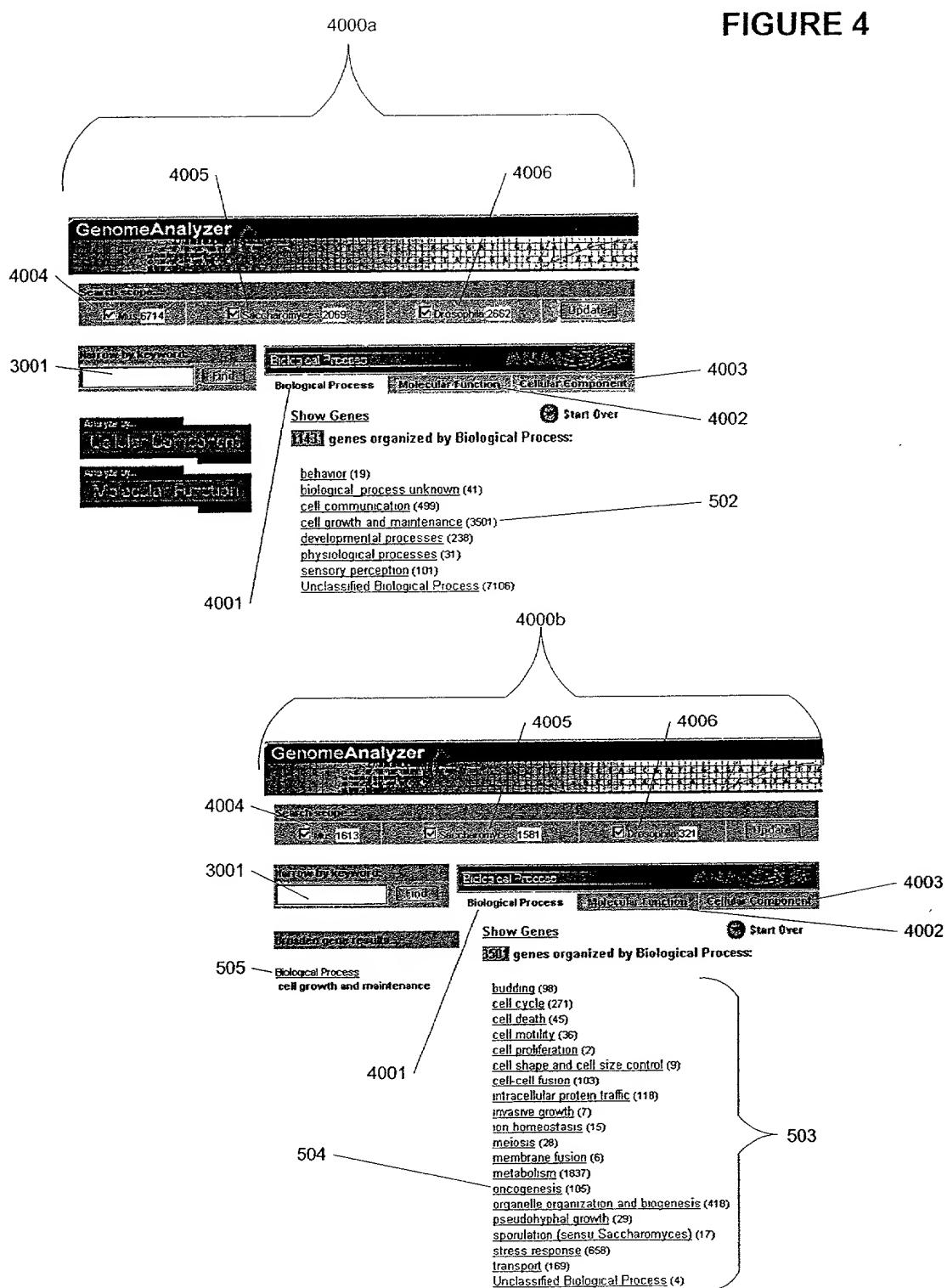
## FIGURE 2



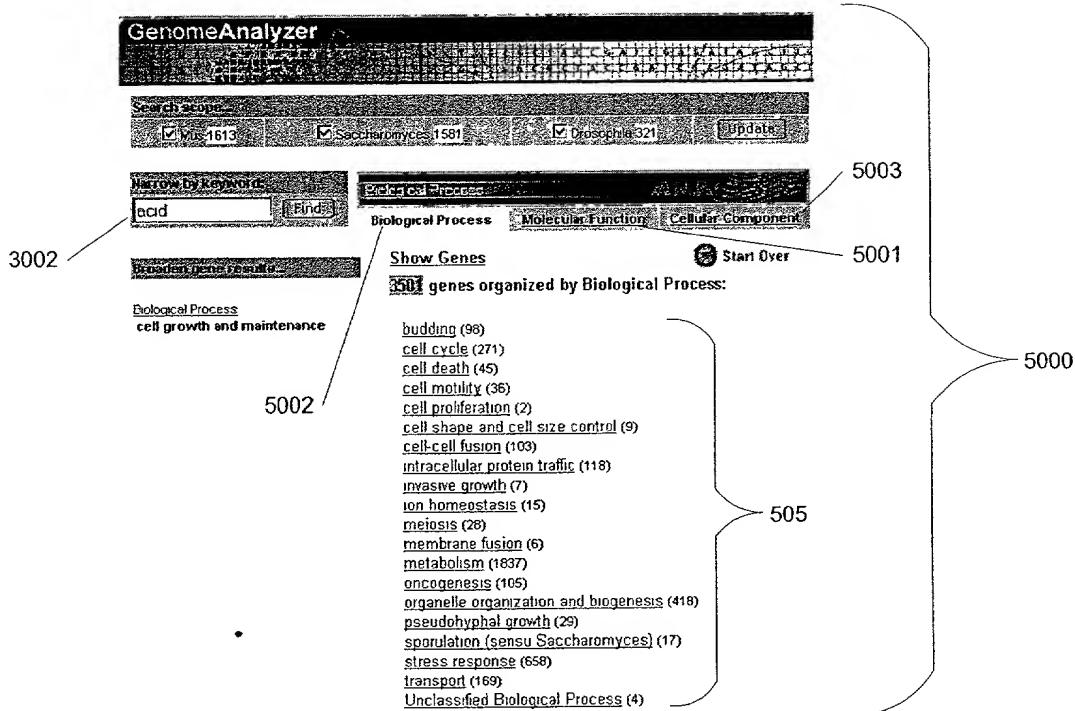
**FIGURE 3**



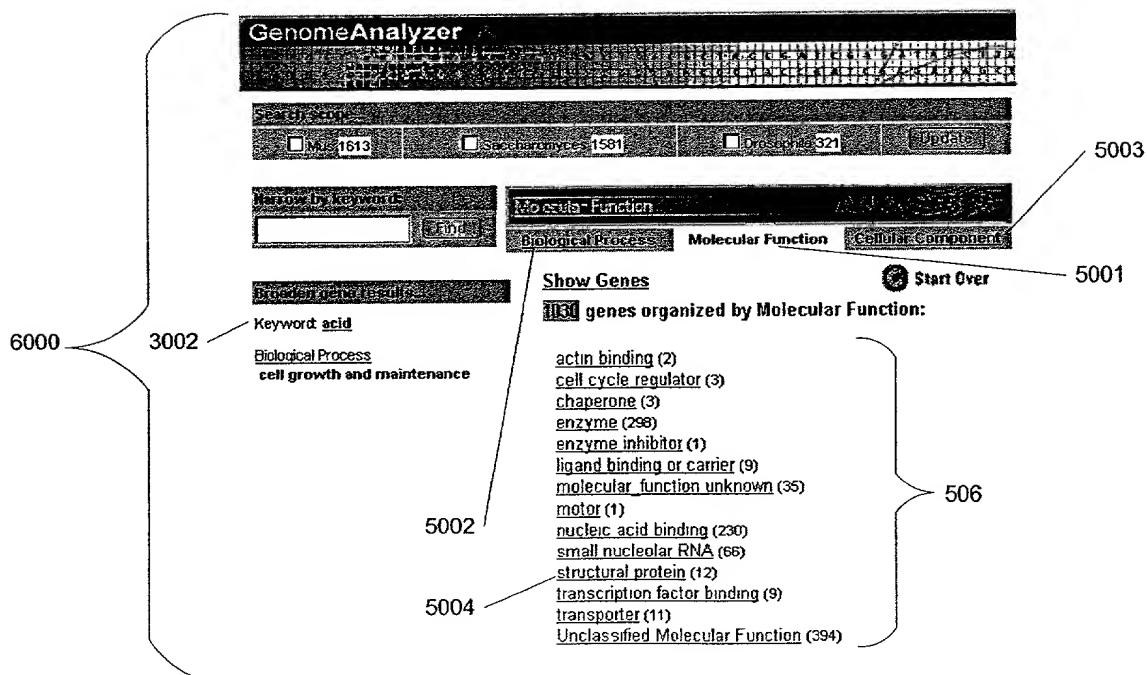
**FIGURE 4**



## FIGURE 5

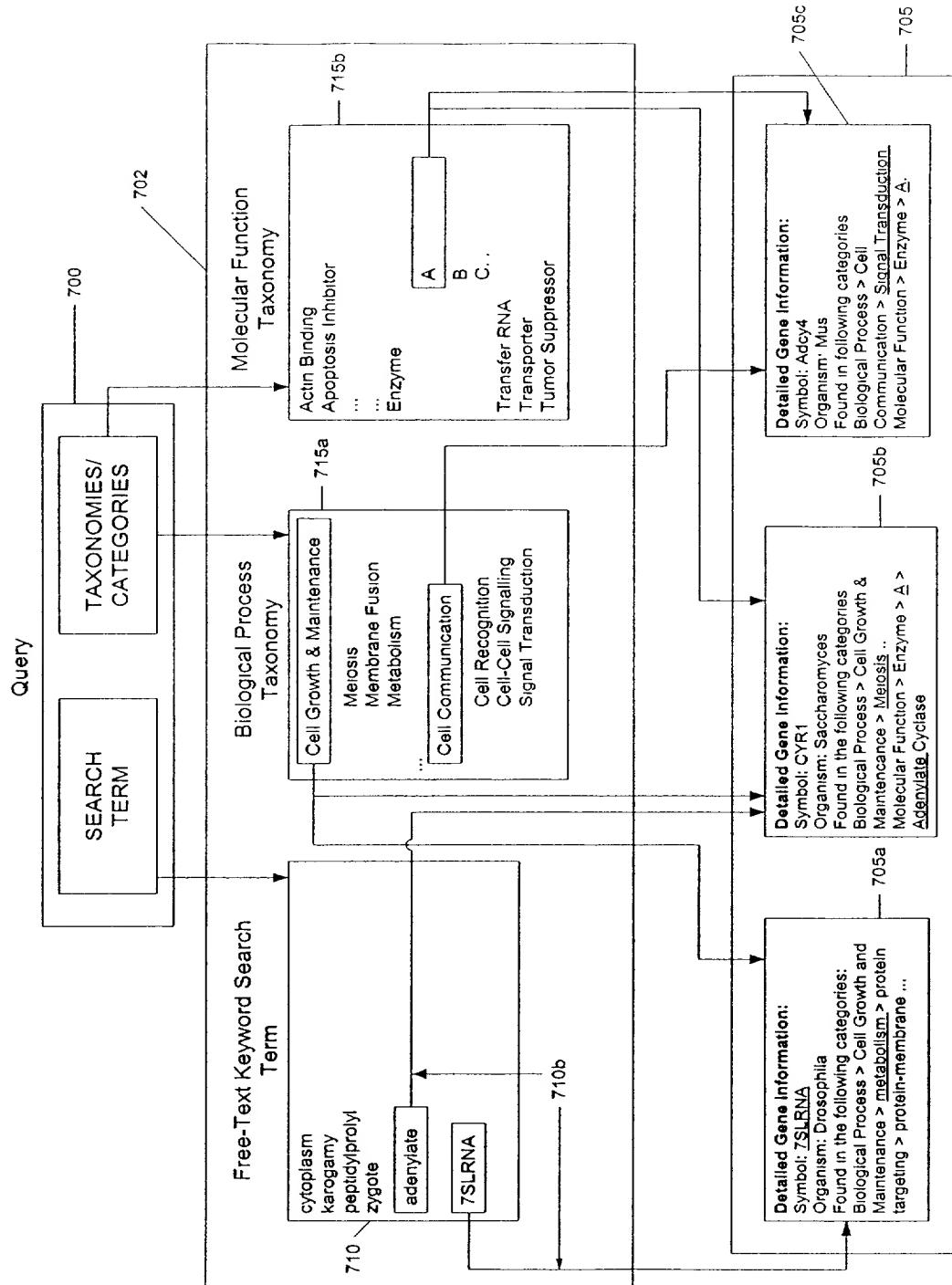


## FIGURE 6

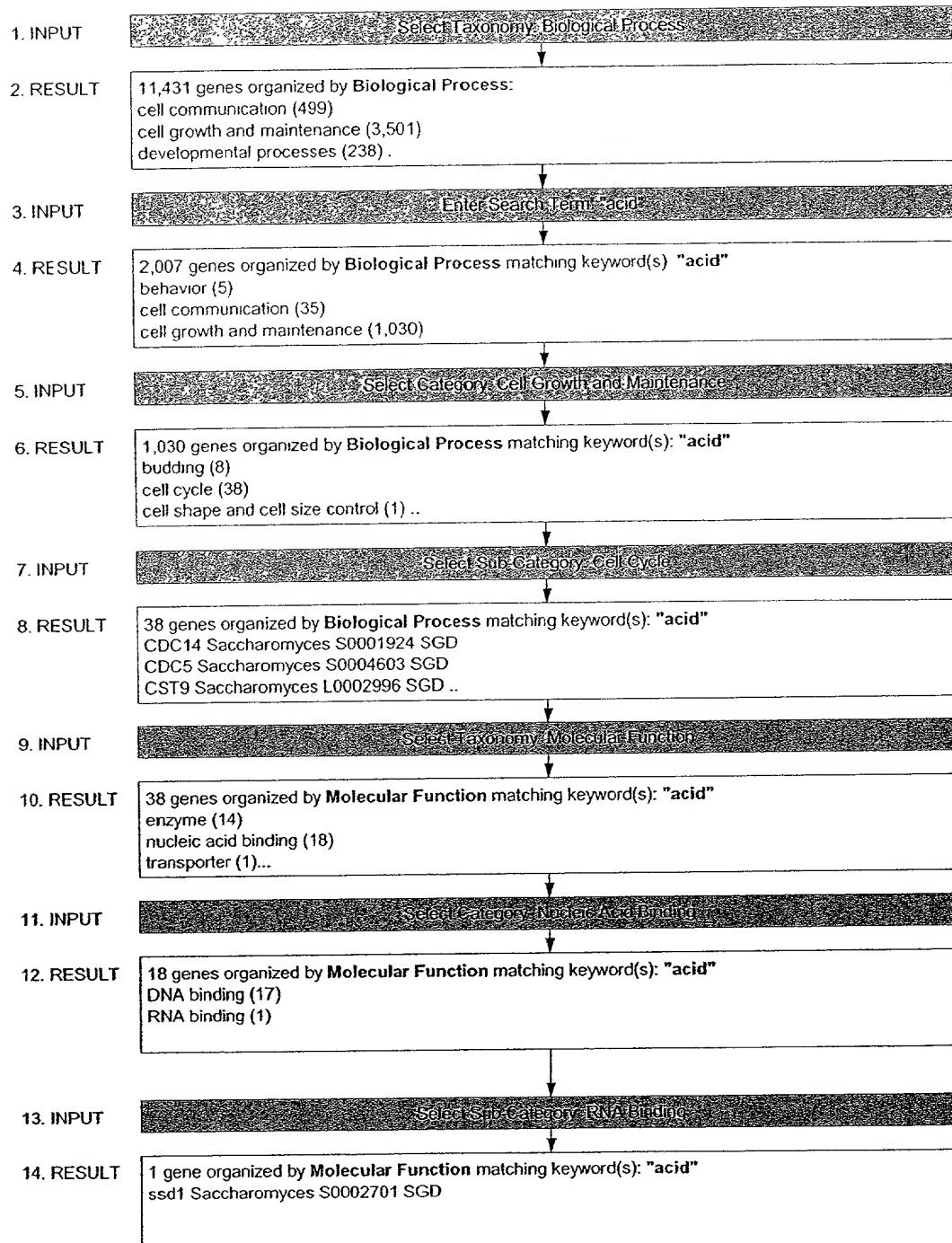


SCANNED, # 22

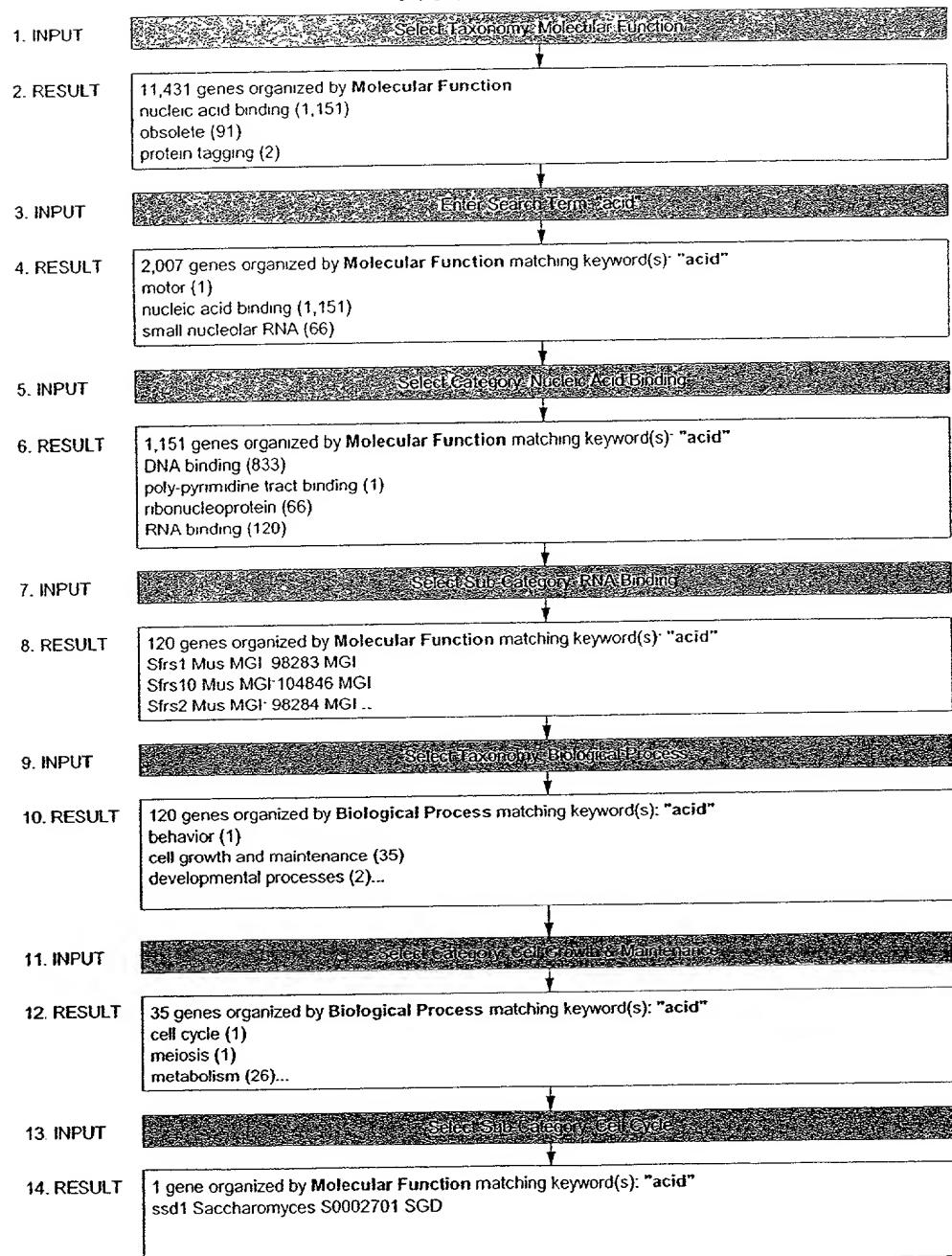
FIGURE 7



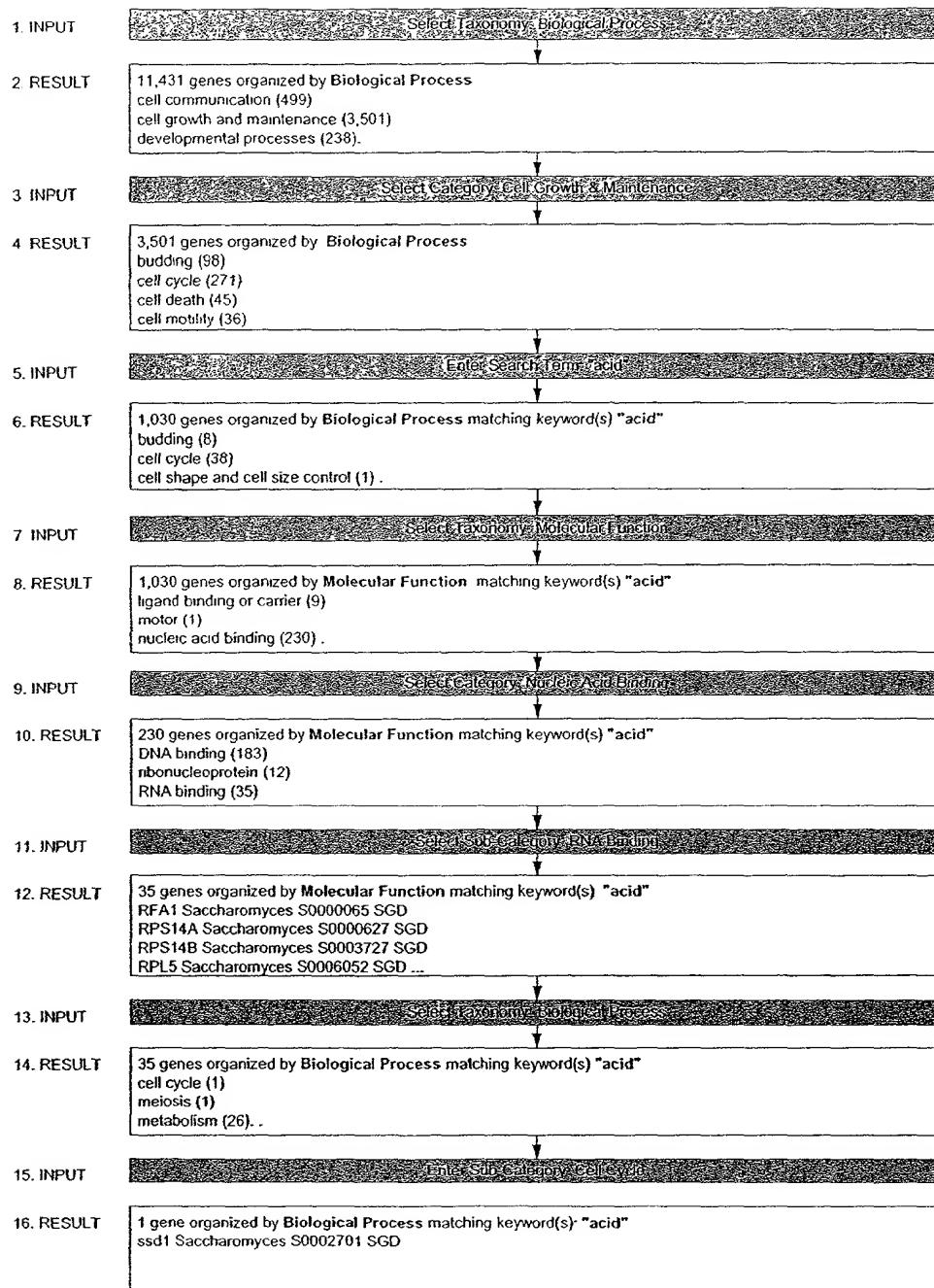
## FIGURE 8



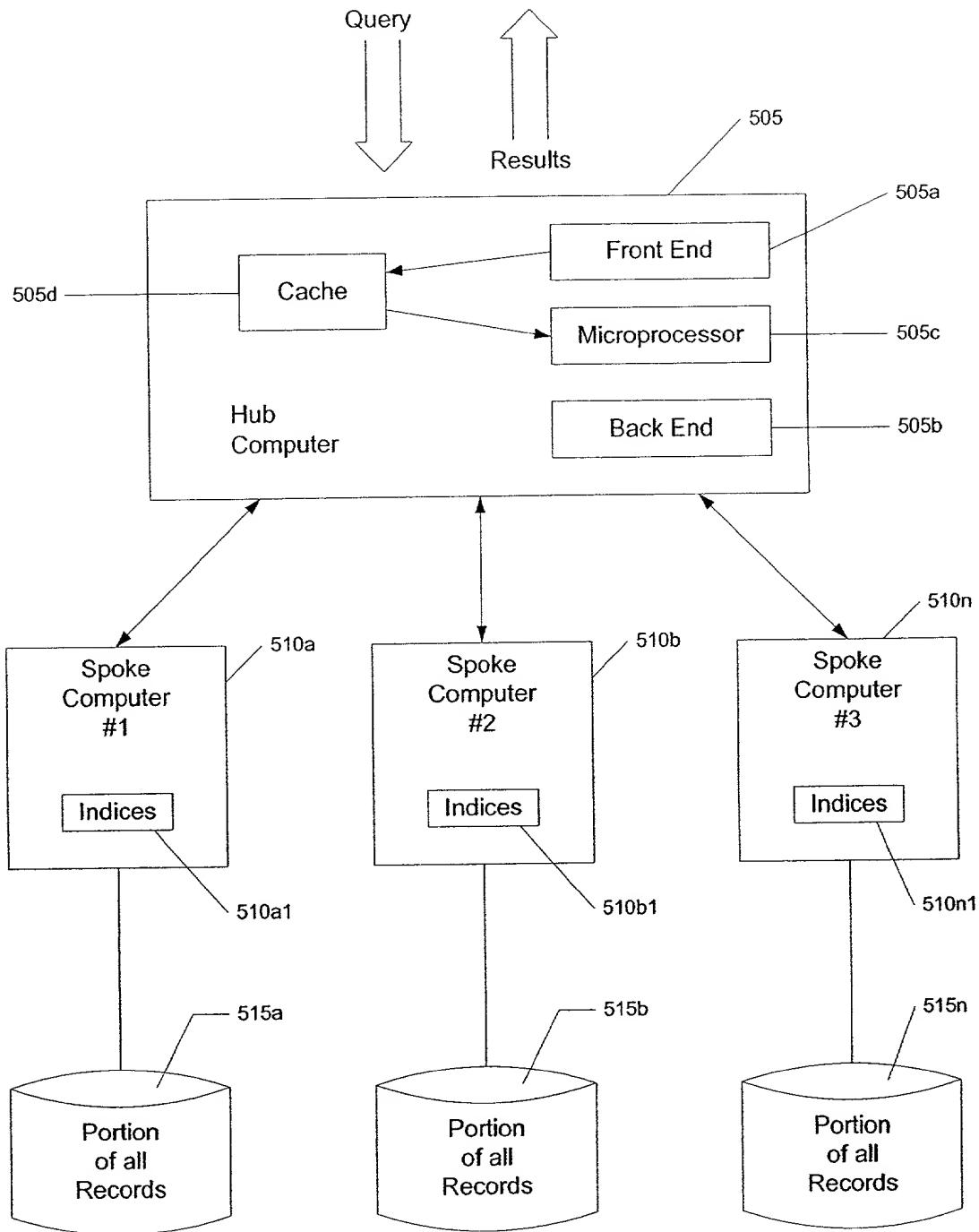
**FIGURE 9**



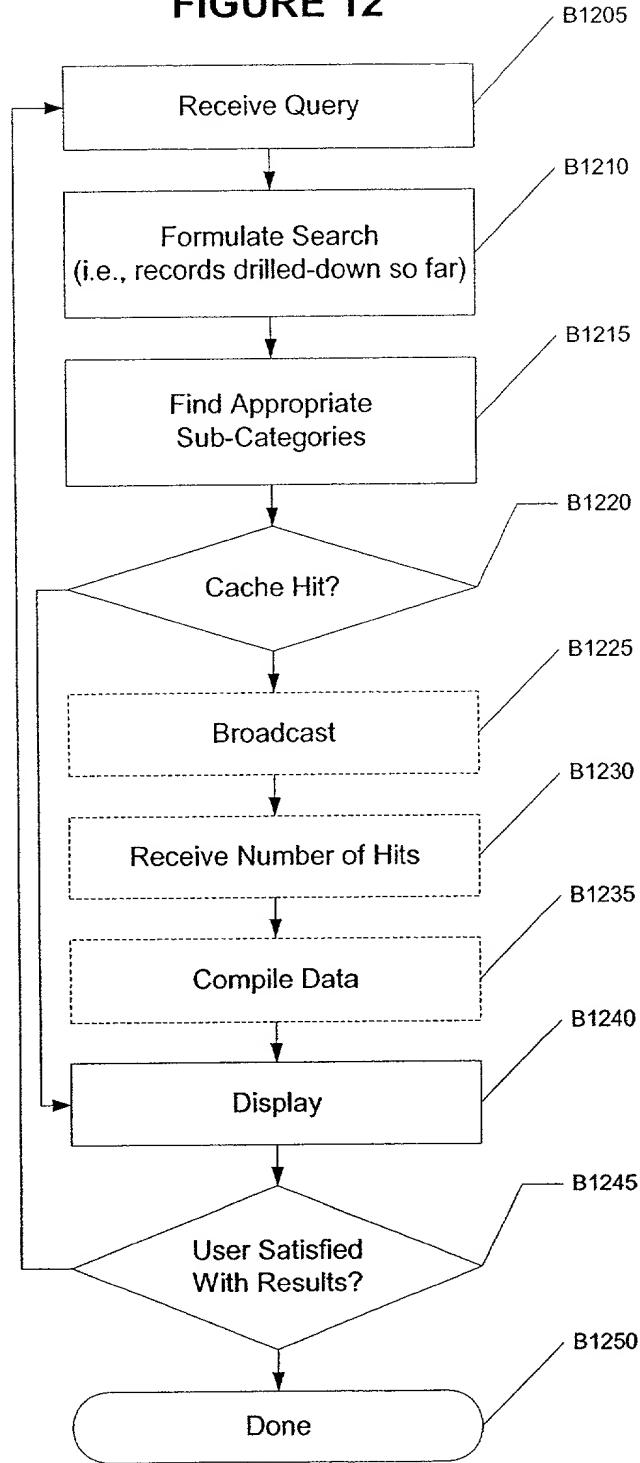
**FIGURE 10**



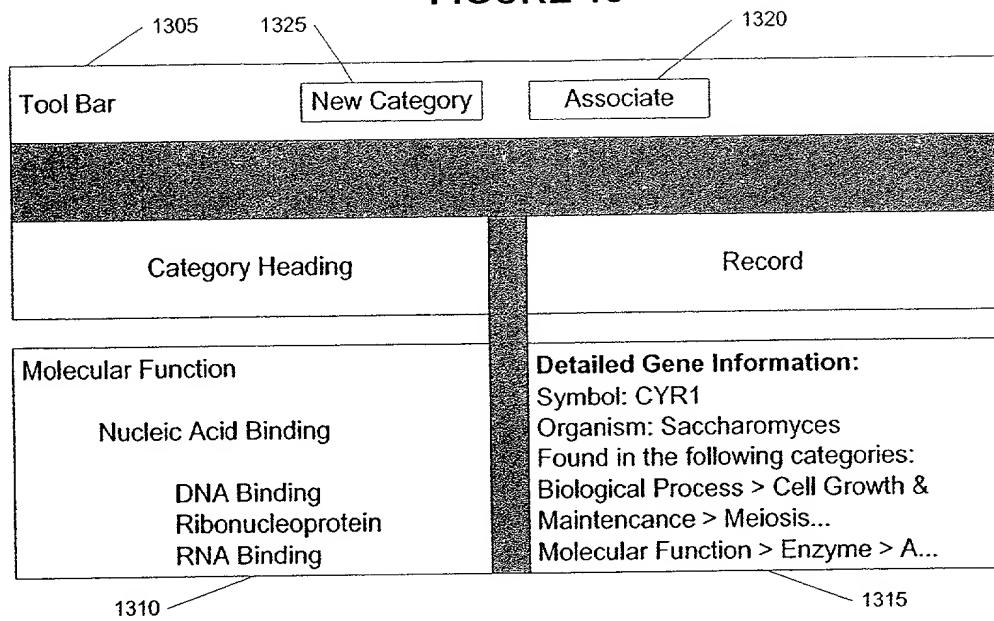
**FIGURE 11**



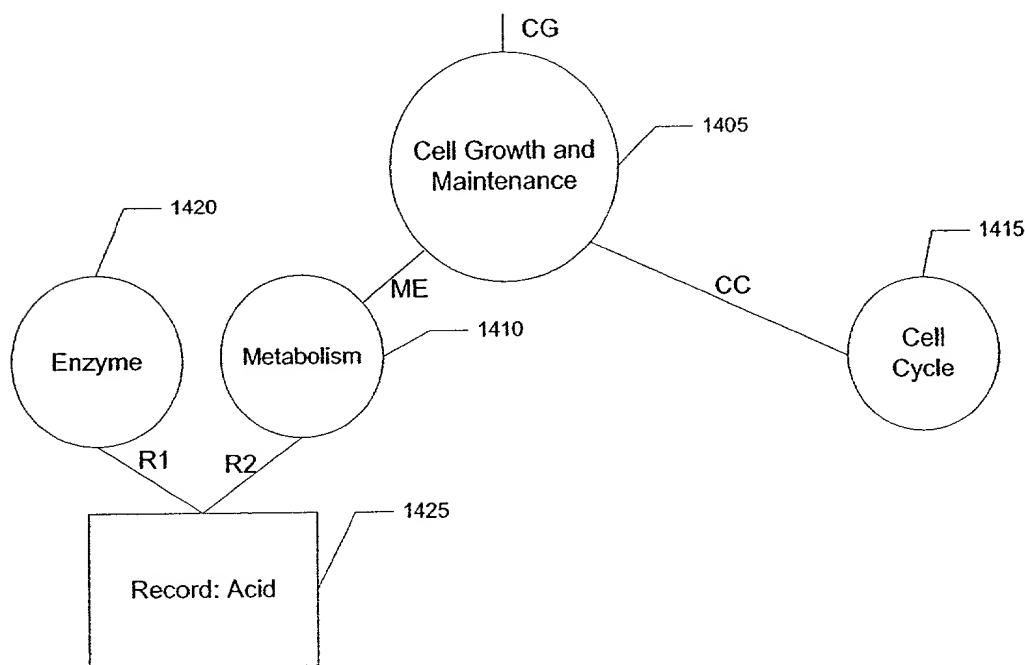
**FIGURE 12**

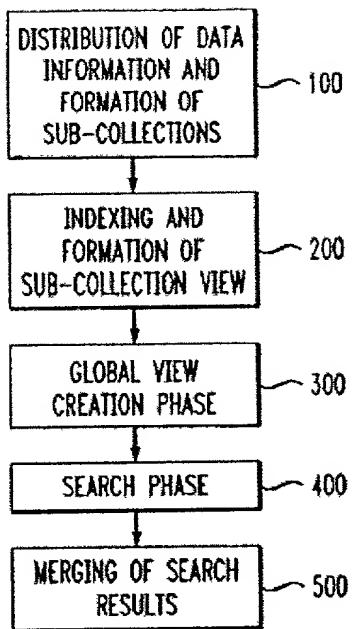


### FIGURE 13



### FIGURE 14





**FIGURE 15**

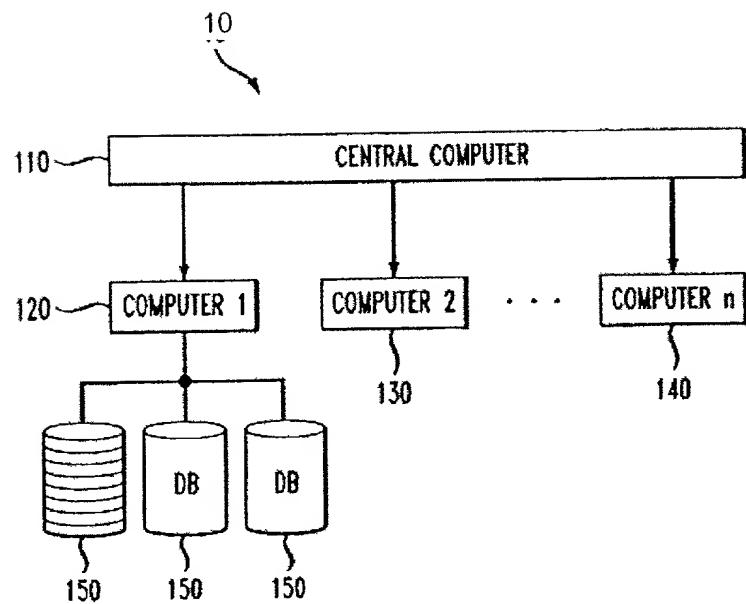


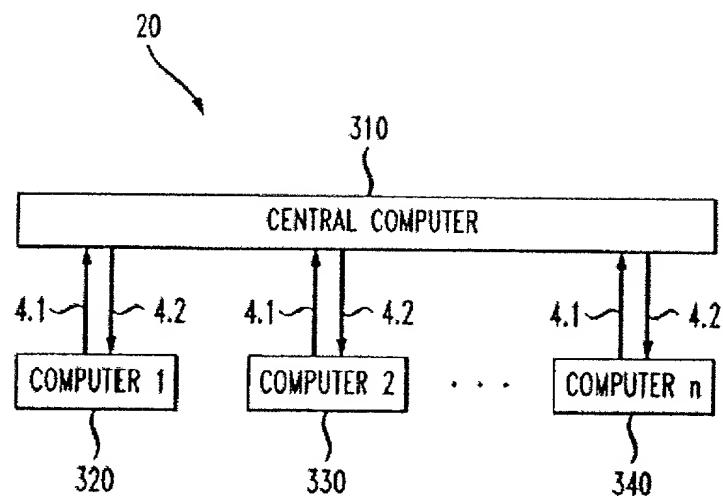
FIGURE 16

	210
WORD <sub>1</sub> → DOCUMENT <sub>1</sub> , WEIGHT <sub>1</sub> ; DOCUMENT <sub>2</sub> , WEIGHT <sub>2</sub> ; ...; DOCUMENT <sub>X</sub> , WEIGHT <sub>J</sub>	220
WORD <sub>2</sub> → DOCUMENT <sub>1</sub> , WEIGHT <sub>3</sub> ; DOCUMENT <sub>2</sub> , WEIGHT <sub>4</sub> ; ...; DOCUMENT <sub>X</sub> , WEIGHT <sub>K</sub>	230
.	
.	
WORD <sub>n</sub> → DOCUMENT <sub>1</sub> , WEIGHT <sub>5</sub> ; DOCUMENT <sub>2</sub> , WEIGHT <sub>6</sub> ; ...; DOCUMENT <sub>X</sub> , WEIGHT <sub>L</sub>	240

**FIGURE 17**

TOTAL NUMBER OF DOCUMENTS IN SUB-COLLECTION	
WORD <sub>1</sub>	NUMBER OF DOCUMENTS IN SUB-COLLECTION THAT CONTAIN WORD <sub>1</sub>
WORD <sub>2</sub>	NUMBER OF DOCUMENTS IN SUB-COLLECTION THAT CONTAIN WORD <sub>2</sub>
.	.
WORD <sub>n</sub>	NUMBER OF DOCUMENTS IN SUB-COLLECTION THAT CONTAIN WORD <sub>n</sub>

**FIGURE 18**



**FIGURE 19**

TOTAL NUMBER OF DOCUMENTS IN ALL OF THE SUB-COLLECTIONS	
WORD <sub>1</sub>	TOTAL NUMBER OF DOCUMENTS THAT CONTAIN WORD <sub>1</sub>
WORD <sub>2</sub>	TOTAL NUMBER OF DOCUMENTS THAT CONTAIN WORD <sub>2</sub>
.	.
.	.
WORD <sub>n</sub>	TOTAL NUMBER OF DOCUMENTS THAT CONTAIN WORD <sub>n</sub>

FIGURE 20